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CIA 9004655

TIL No 4769

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A. Schmitz

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pp 637-741.

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Measurement of Consumption and Load With kWhmE
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pp 307-311.

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Sci - Electron

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Chloramine and Ammonia on Aldehydes, by
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NTC 71-15249-07C

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OTS 62-33247

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Schmitz, Ernst and Ohme, Roland.
CYCLIC DIAZO COMPOUNDS. I. PREPARATION
AND REACTIONS OF DIAZIRINES (Cyclische
Diazoverbindungen, I. Herstellung und Umsetzungen
von Diazirinen). [1962] [21]p. (foreign text included)
23 refs.

Order from SLA \$2.60

62-16556

Trans. of Chem[ische] Ber[ichte] (West Germany)
1961, v. 94, no. 8, p. 2166-2173.
Also available without foreign text from SLA \$1.60
as 62-10203 [1961] 13p.

DESCRIPTORS: *Cyclohexanones, Hexanones, *Azo
radicals, *Ethylenimines, Imines, *Hydrazones,
Acetones, Acetophenones, Grignard reagents, Chem-
ical reactions, Synthesis, Phenones.

For abstract see Technical Translations Z: 619, 1962.

(Chemistry--Organic, TT, v. 8, no. 10)

1. Title: Diazirines
- I. Schmitz, E.
- II. Ohme, R.
- III. Title: Preparation ...

C226268

Office of Technical Services

TT-63-20726

Schmitz, Ernst.

SYNTHESES WITH N-HALOAMINES. 16 Jul 63, 12p

25refs

Order from SLA \$1.60

TT-63-20726

Trans. of Angewandte Chemie (West Germany) 1961,
v. 73, no. 1, p. 23-25. (Abstract available)DESCRIPTORS: *Amines, *Halogen compounds, Amides,
Pyrimidines, Hydrazines, Synthesis (Chemistry).

Aldehydes and Schiff bases derived from aldehydes form alkylated acid amides when reacted with N-chloroalkyl amines in an aqueous alkaline solution. In organic solvents, though, diaziridines ("isohydrazones") are the product obtained from Schiff bases and chloroamine or N-chloroalkyl amines. Hydrolysis of these three-ring heterocycles leads to mono - or dialkyl hydrazines. The appropriate N-dibromo amines undergo twofold intramolecular bromination upon being irradiated in con- (Chemistry--Organic, TT, v. 11, no. 4) (over)

1. Title: N-Haloamines
1. Schmitz, E.

A68119

Office of Technical Services

62-10203

Schmltz, Ernst and Ohme, Roland.
CYCLIC DIAZO COMPOUNDS. I. PREPARATION
AND REACTIONS OF DIAZIRINES. [1961] 13p.
(16 refs. omitted)
Order from SLA \$1.60

62-10203

Trans. of Chem[ische] Ber[ichte] (West Germany)
1961, v. 94, no. 8, p. 2166-2173.

DESCRIPTORS: *Cyclohexanones, Hexanones, *Azo
radicals, *Ethylenimines, Imines, *Hydrazones,
Acetones, Acetophenones, Grignard reagents, Chem-
ical reactions, Synthesis, Phenones.

The isohydrazones of cyclohexanone, heptanone-4,
acetone and acetophenone were prepared. They can be
dehydrated, with the help of silver oxide, to diazirines
which have the three-membered ring structure,
adopted by Curtius and V. Pechmann for diazoalkanes;
(Chemistry--Organic, TT, v. 7, no. 9) (over)

- I. Title: Diazirines
- I. Schmltz, E.
- II. Ohme, R.
- III. Title: Preparation. .

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Aerodynamics of the Model Airplane. Part I, Airfoil
Measurements, by F. W. Schmitz, 190 pp.
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1942, pp 1-190. P200065768-V
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F. W. Schmitz

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June 68

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Concerning the Interpretation of Vertical Velocity Profiles Near the Bottom in Ocean and Atmosphere and of the Shearing Stress of Wind on Water Surfaces, by Hans Peter Schmitz, 45 pp.
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Hans Peter Schmitz
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Autocatalysis at the Decomposition of
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CFSTI TT-64-18087

Otto Schmitz-Du Mont
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Diffusion of Tri- and Quadrivalent Fission Products
Ions in UO_2 , by F. Schmitz, R. Lindner, 5 pp.

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AEC-Tr-5511

Sci - Chem

JUN 63

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AEC/Tr 5511

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Determination of the Material Functions of a Nitrogen
Plasma at Atmospheric Pressures Up to 15,000° K.
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NASA TT F-3457

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Arc Pile, by Georg Schmitz.
GERMAN, per. Z. Naturforsch Pt A,
Vol V, 1950, pp 571.
NASA TT F-10,489

Georg Schmitz

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Mathematical Description of Cylindrically Symmetrical
Area, by G. Schmidt, J. Ullrich.
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pp 554-562.
NASA TT F-1456

Sci - Phys -
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U. S. GOVERNMENT ONLY

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Description Mathematique d'arc Electriques a
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Reverse Trans
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G. Schmitz

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Sci-Mechanical, Industrial Civil and Marine
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H. Schmitz

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Noyt of Navy/NOX Yr 315

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Containing Molybdenum and Copper, by K. Roesch,
K. H. Schmitz.

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Ultrasonics as a Means of Biological Research, by
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SIA 57-3028

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Motor Vehicle Driving by Conscious acts of Reason
or by Involuntary Reaction, by W. L. Schmitz. UNCL

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Method for Dewaxing of Crude Oil and Petroleum
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6 pp. (AF-731323)

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National Institutes of Health, Bethesda, Md.

Polymerization by High-Energy Electrons, by J. V.
Schnitz, E. J. Lawton, 14 pp.

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SLA 58-575

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H. Alder, R. Schmitz-Josten.
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Vol. DCCV, No 1, pp 1-37, 1955.
SLA TT 64-18476

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*NISI 4501

K. H. Schmitz

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Co-op Tr Sch Tr 648

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ECONOMICAL COATING COMPOUNDS FOR FREIGHT
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Order from SLA \$1.60 61-20940

Trans. of Glaser's Annalen (Germany) 1953, v. 77,
[no. 1] p. 9-14.

DESCRIPTORS: *Railroad cars, *Coatings, *Paints,
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Preservation, *Refrigerator cars, *Locomotives.

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Sci - Chem; Biol
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[1962] 8p.

Order from K-H \$10.00

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DESCRIPTORS: *Tobacco, *Seeds, Chemical analysis.

- I. Schmuk, A.
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- IV. Title: Symposium. . .

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BISI 5386

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(NY-5801)

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DESCRIPTORS: *Alcohols, *Packing materials,
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(Food, Handling and Packaging Equipment--Packaging,
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DESCRIPTORS: *Electromagnetic fields, Electricity,
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relation, Density, Spheres, Electric fields,
Transformations (Mathematics), Relativity theory.

A general investigation is made of the coupling of the
electromagnetic and matter fields as an analog of
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